

Notice of Allowability

Application No.

10/798,521

Examiner

Mike Rahmjoo

Applicant(s)

CLARK, RICHARD L.

Art Unit

2628

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to ~~1/18/00~~ **3-20-06**.
2. ☒ The allowed claim(s) is/are 1,3-8,11-23 and 25-26.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
- ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
- ☒ Examiner's Amendment/Comment
- ☐ Examiner's Statement of Reasons for Allowance
- ☐ Other _____

DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Ms. Winner on March 21, 2006.

The application has been amended as follows:

Please cancel claims 9- 10, change the dependency of claims 11- 14 from claim 9 into claim1 and amend claims 1, 15 and 23 as follows:

1. A method for displaying a desktop display surface having dimensions, comprising:
creating a render target surface having substantially the same dimensions as the desktop display surface; casting the desktop display surface as a texture having the same dimensions as the desktop display surface; determining a set of vertices that define a two dimensional rectangular object having the same dimensions as the desktop display surface; rendering the two dimensional rectangular object by mapping at least a portion of the desktop display surface texture to the two dimensional rectangular object; receiving a zoom factor, an offset in an x direction and an offset in a y direction; calculating a texture addressing extent configured to determine the portion of the desktop display surface texture to be mapped to the

two dimensional rectangular object; calculating a set of texture addressing offsets in the x and y directions configured to provide the position on the desktop display surface texture from which the desktop display surface texture is to be mapped to the two dimensional rectangular object, wherein the texture addressing offset in the x direction is calculated as the offset in the x direction divided by the dimension of the desktop display surface in the x direction and the texture addressing offset in the y direction is calculated as the offset in the y direction divided by the dimension of the desktop display surface in the v direction; and setting the render target surface as a scanout read location in preparation for displaying the desktop display surface.

15. A method for displaying a desktop display surface, comprising:
receiving a zoom factor, an offset in an x direction and an offset in a y direction on the desktop display surface; creating a two dimensional rectangular object having dimensions equal to dimensions of the desktop display surface; computing a set of texture addressing coordinates for the two dimensional rectangular object using the dimensions of the desktop display surface, zoom factor, the offset in the x direction and the offset in the y direction; casting a desktop display surface as a texture having dimensions equal to dimensions of the desktop display surface; a rendering the two dimensional rectangular object by mapping at least a portion of the desktop display surface texture to the two dimensional rectangular object and calculating a texture addressing extent configured to determine the portion of

the desktop display surface texture to be mapped to the two dimensional rectangular object; and calculating a set of texture addressing offsets in the x and y directions configured to provide the position on the desktop display surface texture from which the desktop display surface texture is to be mapped to the two dimensional rectangular object, wherein the texture addressing offset in the x direction is calculated as the offset in the x direction divided by the dimension of the desktop display surface in the x direction and the texture addressing offset in the y direction is calculated as the offset in the y direction divided by the dimension of the desktop display surface in the y direction.

23. A computer system, comprising:
a processor; and a memory comprising program instructions executable by the processor to: create a render target surface having substantially the same dimensions as the desktop display surface; cast the desktop display surface as a texture having the same dimensions as the desktop display surface; determine a set of vertices that define a two dimensional rectangular object having the same dimensions as the desktop display surface; render the two dimensional rectangular object by mapping at least a portion of the desktop display surface texture to the two dimensional rectangular object; calculate a texture addressing extent configured to determine the portion of the desktop display surface texture to be mapped to the two dimensional rectangular object; calculate a set of texture addressing offsets in the x and y directions configured to provide the position on the desktop display surface texture from which the desktop display surface texture is to be mapped to the two

Art Unit: 2628

dimensional rectangular object, wherein the texture addressing offset in the x direction is calculated as the offset in the x direction divided by the dimension of the desktop display surface in the x direction and the texture addressing offset in the y direction is calculated as the offset in the v direction divided by the dimension of the desktop display surface in the v direction; and set the render target surface as a scanout read location in preparation for displaying the desktop display surface.

Inquiry

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mike Rahmjoo whose telephone number is 571-272-7789. The examiner can normally be reached on 8 AM- 5 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kee Tung can be reached on 571-272-7794. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mike Rahmjoo

February 17, 2006



Kee M. Tung
Primary Examiner